

I N D Y
H A M
RADIO
NEWSLETTER

W9JP

INDIANAPOLIS RADIO CLUB, INC.,

REGULAR MEETINGS: on the 2nd and 4th Fridays at 8:00 PM
in the United Christian Mission Bldg. 222 S. Downey

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MAY 21, 1973

INDIANAPOLIS RADIO CLUB, INC.

ISSUE NO. 10

PROGRAM MEETING "The SB-220 Heathkit 2 KW Linear". Presented by Harry Butler
MAY 25th 8:00 PM W9FU. Harry will describe the circuit theory, Design and show
the rig with the cover's off so we can see all the RF goodies.

June 8th "HOMEBREW NIGHT" +++++a....AUCTION NIGHT!
Coming Program: Homebrew will feature two prizes: one for Novice/Technician,
2nd for all others. Each one will describe his entry and
judges will award prizes to the lucky winners.
AUCTION... bring all those goodies to the auction and make
a lot of \$\$\$... club gets 10% and you may get the bargain of
your life!!!!

June 22nd Friday Last meeting of the season until September.

EDITOR NOTE: PROGRAM REVIEW AND A SPECIAL REPORT ON AN AMATEUR OPERATOR
APPEAR ON ATTACHED PAGE. - Read this First -

FIELD DAY June 23 & 24. A Committee is working on Field Day
Cary Carender WN9LID advises a sight, "the highest in Hamilton
county", has been selected at Linwood Farms (Purdue) at
E. 131 St. & River Road. Ask Doug WB9KPC or Gary Hughes K9LNX
for field day questionnaires and let's get the IRC back into a
real field day. Cary advises there is room for as many campers
trailers as we can get! Who's got a KW tranceiver & a Beam
in his camper/motor home that needs testing, or a novice rig in
a tent that we can beg, borrow or steal??

Trustee Ron Williams W9JVF/W9JP was responsible for the publicity in the local
papers about our last meeting - Claude Richie W9TKV and his DX program. Thanks Ron
for being our public relations man..... WA9QMU Young Snodgrass moved to Wheeling,
Ill. last may and has a tower left here in Indiana. Ron Williams is to get details.
FOR SALE: 1 Tower 40 Ft. all steel, mount for Ham - M rotor, 30 Ft. Mast W. bear-
ing, hinged base. Location? Price Reasonable. See Ron W9JVF.

SPLATER: Jim Sugioka our Pres has a New SB-102 Heathkit wired by a professional=
Bill Lueth W9AI. So far it still works Jim reports even better than his previous
commercial rig. QSL MGR for EL20Z is Ron Williams W9JVF after May 1st, 1973.

SOUTHPORT HIGH SCHOOL. Ham's are asking for donations of masts, wire for antenna,
traps etc, plus equipment, working or not working. Also anv slightly used:

KWS-1 TR-4 SB-220 L-4B or ?? contact Vernon Miller WN9KXL or Doug Loughmiller
WB9KPC 787-4993 , 786-1842.

Marty Powers WN9JIM our Secretary reports building a Heathkit VFO and Say's
Happiness is being free from using XTALS' He's made more contact in less time
Let's get those VFO's going and calibrate with those old XTALS.

Doug Loughmiller WB9KPC had a surprise Birthday for Bob Caskey W9DNQ on Thurs 5-17
and many of the club regulars showed up. Bob got a Ham call license + a compression
gauge.

Approximately 40 members and guests convened to hear Claude Richie, W9TKV present his paper on working DX, plus witnessing by tape recording actual on-the-air operating pileups in DX contests. By DX, Claude means opping on 10 thru 40 meters. May top DX Kings in the USA use high power, acres of rhombic beams, 7 element yagis on 100 foot towers, in the keen competition for DX.

To get started in DX, learn the various country call sign prefixes, the source of which is ARRL, who publish this data. A country is defined as one having a govt. or any island located 250 miles or more from the Mother Country. Now there are 320 active countries, many having been deleted, such as Portugese Goa, Newfoundland, combined with Labrador. There have been 350 all-time countries to date. Some countries almost impossible to work, such as China, Brunei, Bouvet and the desert Sandwich Islands, plus rare Albania. W6AM is the leading DXer, having worked all these places.

One sends in his 100 QSL Cards in proper order to ARRL, who check and grant a DXCC certificate with your serial number, then later on they grant endorsement stickers for additional countries which are attached to the large certificate. When you get 312 countries confirmed, you are placed by ARRL on the Honor Roll, of which there are about 40 in the USA; Claude having won this honor. This Roll is published each year by ARRL in QST, so all the standings can be learned.

The Central USA area has a DXCC Club, which meets once a year at Chicago. Has 500 members now. Here in Indy, we have the INDY DXERS Club of some 30 members. One can shoot for many different kinds of certificates, if bent on this pursuit, such as WAS by working all 23 zones which the World is divided in. (Indiana is in ITU Zone # 08.)

Claude showed several of his many thousands of QSL Cards from the rare spots, one from King Hussein of Jordan, Albania, Heard Island, Des Roches in the Indian Ocean.)

QSLs come to USA hams via ARRL QSL bureaus, where one must keep on file self-addressed, stamped envelopes in which his cards are sent on occasion as collected. One may get QSLs by sending direct, DXpeditions need money, so a buck, \$, helps. You can purchase foreign stamps from DX Stamp Services. It costs 75¢ for a Mongolian stamp.

You get your beam bearings from Atlases or use the Second Op, a big circular slide rule put out for \$2.00 by W9IOP. You have to study the bands seasonally to know propagation conditions, as well as sun spot activity, in the 11 year cycle. On 10, 15 and 20, one can work DX early mornings on the Long Path. In contests, you need to have split frequency capability, transcievers are NG since DX station listens 5 or more KHZ up the band to keep pileup off his freq.

One can get DX news by subscribing to such services as Gus Brownings, West Coast DX Bulletin, L.I.N.Y. DX bulletin and Jeff Watts or London.

Claude uses on 20 a 5 El. monobander yagi up 65 feet, HQ215 Rcvr., HT44 Driver, SB220 Linear and a 3 el. beam for 15 and 10. In a question and answer session after the program, it was brought out that GMT time should always be used instead of local time. For example: If it's 7 AM in Indy the GMT is 1200, ie, 5 hours ahead of us. Vertical antennas have low angle radiation, but don't beat the beams. Third party messages are taboo to most countries. Very little DX on Novice frequencies. A DX prefix Test concluded the meeting, and among the 40 assembled, all prefixes were identified.

Thanks Claude for sharing with us your hard earned secrets and the excitement of the chase as demonstrated in your tape recording. Your sensitivity and dedication to excellence in Amateur Radio Operation came thru loud and clear, and your polylingual virtuosity was a stunning inspiration. We should all love to have your DX book in our libraries.

WB9DGN = Bob Glover & His Wheel Chair MOBILE !!!!!!!

Editor's Note: I first met Bob several years ago, when 6 FM was the local channel, before 2 meters. We had several things in common, namely, similar Drake low band gear, interest in RADAR from Military, and he always seemed to show up at Cincinnati or other hamfests, and has been making may of the local IRC Meetings. The following is a resume as told to Gary Hughes, K9LNX.

"I first started toward a Ham License in 1958. After 12 years, I finally got the coordination good enough in my left hand to pass the code. I received my license (Conditional) in 1970.

I have been active on 6 FM, 2 FM, and 10, 15, & 20. (Moderately). I consider Ham Radio an extension of my personality and a way to get outside my normal day-to-day existence. I love to rag chew and work mostly phone.

I have a Drake TR-4, RV-4, SB-200, EV 674 mic, Thunderbird Mk 3 Beam for 10-15-20, a Tri-L 2 freq. 6-FM rig (transistorized) 8 Watts out, a Mosley Diplomat 6 above my beam (55 ft.) My 10-band beam is 50 ft. I also have a mobile wheelchair 2-Meter station, HR-2A on all local repeater frequencies, plus 94 simplex. 18 watts out. Using 1/4 wave whip on wheelchair back. Have a handset with touch-tone pad for auto-patch. Powered by 12 v. electric wheelchair battery. I plan to get a trap inverted-V up for 40-80 this spring. Am also planning to increase power for 10-bands to 2Kw, as you well know since you're involved in that project.

My background in electronics is: Interested since 15 years old. Enlisted in USAF at 17 yrs. In Airborne Radar, reaching 30171 AFSC, Radar Supervisor, S/Sgt. rank. Retired after 4½ years in 1957 because of disability caused by Polio. Paralyzed in lower extremity, about 75% paralyzed in upper extremities. Ride an Electric Wheelchair and travel in a '73 Dodge Van while in chair.

Am now involved in building a non-profit organization called REACH Unlimited, (Rehabilitation Engineers Actively Creating for the Handicapped). Organization utilizes retired engineers, technicians, hobbists, or anybody who wishes to donate time to create and develop adaptive equipment for handicapped people. Now looking for retired executive to put the package together for incorporation. Can also use creative electronics people, retired, or otherwise.

Oh, yes, almost forgot. Was free-lance electronics writer from 1963 till quitting to promote and build REACH Unlimited. Appeared in SAMS P-F Reporter (Quick Servicing), Broadcast Engineering, Radio-Electronics, Pop Electronics, Electronics Illustrated. Did editing for SAMS, RADIO-ELECTRONICS, SAMS TECH, where I also re-wrote solid-state material and tests. Doing some ad writing at present.

Hobbies besides Ham Radio: Radio control Models, -airplanes & cars, Photography, Writing Poetry (published), Working with Kids--teaching them how to do things, to create."